The Bailiwick School Eco Challenge 2019

How can your team improve your schools environmental sustainability?

and WIN £1000

Guernsey Electricity

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The Bailiwick School EcoChallenge 2019

What's it all about?

The EcoChallenge 2019 is open to all schools within the Bailiwick of Guernsey. Working in teams of two, three or four pupils, your Challenge is to consider one major project or a few smaller ways you could improve your schools environmental sustainability.

The teams

There are three team categories: **6-8 years, 9-12 years, 13-16 years**

Category 6-8 years:

Your challenge is to put forward a practical (physical way) or more creative idea to improve your schools environmental sustainability. Your entry should include a drawing of your idea, an explanation of how it works and how it will improve your schools environmental sustainability.

Categories 9-12 and 13-16 years:

Your challenge is to create a plan of action as to how you can put your idea into practice. The idea can be practical or completely conceptual. Draw or model your design including supporting information to explain how it works and how it will improve your schools environmental sustainability.

Prizes

There will be one winning team in each age category (no runners up) and each winning team will win £1,000 cash prize for their school to go towards implementing any eco-friendly initiatives.

Closing date for the competition is 11th November 2019.

EcoChallenge entries will be shortlisted and the judging panel will visit the shortlisted teams in age categories 9-12 and 13-16 for the teams to present their ideas in the week commencing 18th November. Shortlisted teams in age category 6-8 will be notified but will not be required to present their ideas. The winning teams will be announced by the end of November.

Please refer to the other pages in this pack for project prompts, the entry form and a poster.

For more information contact Dawn on 733524 or email DGallienne@guernseypost.com

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What is Environmental Sustainability?

It's all about the way we live, look after and support our local area and natural resources in responsible ways that will allow future generations to live a healthy life, eat good food, drink clean water, breathe fresh air and enjoy the wonders of our beautiful planet for billions of years to come.

Teams could consider:

- **Refuse • Reduce • Reuse • Rot • Recycle** *(The 5Rs)*
- **Transport to and from school**
- **How to conserve water • How to generate energy**

Some Guernsey facts to inspire...

Guernsey Electricity have installed a 200kW solar array on the roof of the Guernsey Post headquarters at Envoy House. This will produce around **200,000kWh** of electricity each year.

What are solar panels?
Solar panel electricity systems capture the sun's energy using photovoltaic cells which convert the sunlight into electricity. These cells don't need direct sunlight to work - they can still generate some electricity on a cloudy day.

This is the equivalent energy to power the entire fleet of Guernsey Post electric vehicles.

The solar array will also feed into the island's network so everyone can benefit from a higher percentage of locally sourced renewable energy.

50 tonnes per week of food waste are being processed.

5 to **10 tonnes** per week of kerbside dry recycling being collected

Food waste is exported and used to generate electricity and produce compost

Approximately **190** school minibus journeys in 2019 so far

Enough water is treated daily to make **50 million cups of tea**

On average, **13 million litres** of wastewater are returned safely to the environment from Belle Greve every day

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ENTRY FORM **Closing date for the competition is 30th October 2019.**

Please read the EcoChallenge 2019 introduction and category description before filling out this form. These can be found in the EcoChallenge pack or online at **www.guernseypost.com/ecochallenge** or **www.electricity.gg/ecochallenge**

Name of School:			
Full Address:			
Reception Phone:		**Email:**	
Main contact name:			
Position at School:			
Direct Telephone:		**Email:**	

Team Entries

Category 6-8 years **Number of Teams** ☐ *Please list the team names & student names on the page provided.*

Category 9-12 years **Number of Teams** ☐ *Please list the team names & student names on the page provided.*

Category 13-16 years **Number of Teams** ☐ *Please list the team names & student names on the page provided.*

All teams that enter the EcoChallenge will have the opportunity to have a tour of the Guernsey Electricity Power Station to ask any questions, and find some inspiration.

☐ **Please tick if this opportunity would interest any of your teams.**

Post your entry forms to:
Bethan Griffiths, Guernsey Post Ltd,
Envoy House, St Peter Port, GUERNSEY GY1 1AA
or email it to BGriffiths@guernseypost.com

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Team Entries

To accompany entry form

The Bailiwick School EcoChallenge 2019

School _____

Category 6-8 years

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Category 9-12 years

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Category 13-16 years

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

Team Name: _____ **Team Name:** _____

Student Names: _____ **Student Names:** _____

_____ _____

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